

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A liquid filtering device (110), particularly for irrigation water installations comprising:

a housing (112, 114) with an inlet port (120) and an outlet port (116);

a core member (124) centrally mounted within the housing comprising at one axial end thereof an abutment ring (138) associated with a male screw-thread for mounting the core member (124) to the housing (114) next to and in communication with the inlet port (120);

a discs-type filter member (170) supported by the core-member (124) so that water flowing from the inlet port (120) enters the filter member in a radial direction, and is discharged through the outlet port (116), and vice-versa during reversed, filter flushing flow cycles;

a piston assembly (140) mounted to the core member (124) comprising a piston (158) and a displaceable member (160) coupled to the piston and abutting against the filter member at the other axial side thereof; and

wherein an assembly (200) for the mounting of the core member (124) comprises a seat member (200) and a female screw-threaded split ring (202) matching the male screw-thread; and the seat member (200) is formed with a circular convergent cone shaped trough (200b) defined by a circular rim, a convergent cone-shaped wall, (200a) and a planar radial wall (200e), the seat member encompassing the split ring and fixedly mounted to the housing, the arrangement being such that upon threading together, the split ring is forced away from the planar radial wall and attracted towards the abutment ring distal from the planar radial wall, and the outer surface of the split ring is beveled by a same angle as the cone-shaped wall (138) and thus becomes self-tightened against the cone-shaped wall of the trough,

wherein said trough is open at at-least one side thereof allowing the split ring to be inserted thereinto by elastically squeezing same into a smaller diameter to initially force the split ring against the planar radial wall.

2. (Cancelled)

3. (Previously Presented) The device as claimed in claim 1, wherein said trough is integrally formed with a fitting communicating the core member with the inlet port of the filter member.

4. (Previously Presented) The device as claimed in claim 3, wherein a stop is provided within the trough for avoiding free rotation of the split ring.

5. (Previously Presented) The device as claimed in claim 1, wherein the piston assembly is provided with means for limiting the progress amount of the piston.

6. (Previously Presented) The device as claimed in claim 5, wherein said means comprise a coil spring, the number and size of the coils being designed so as to limit the stroke of the piston following a predetermined compression thereof.

7. – 8. (Cancelled)